ITal



PATENT

Attorney Docket No. 555255012555

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.

10/786,977

Filed

February 25, 2004

Art Unit

2186

In re application of

Asthana

Examiner

Unknown

For

Memory Management System and Method...

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56, applicants hereby advise the United States Patent and Trademark Office of certain references which may be material to the determination of patentability of the above-identified application. The references are identified on the attached Form PTO-1449. Applicants respectfully request that all references listed be considered and made of record in the present application by completing and returning the enclosed Form PTO-1449.

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope at trassed to: Commissioner for training. P.O. Box 1450, Alexandria, VA

22313-1450

Dy: Allera Pepan

No fees are believed due for filing this IDS. If the PTO determines that a fee is due, then it should be charged to Jones Day's Deposit Account No. 501432, Reference No. 555255012555.

Respectfully submitted,

David B. Cochran

Reg. No. 39,142

JONES DAY

North Point

901 Lakeside Avenue

Cleveland, Ohio 44114

(216) 586-3939

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE us Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ostitute for form 1449/PTO

PAD TRAD

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known				
Application Number	10/786,977			
Filing Date	02/25/2004	•		
First Named Inventor	Asthana			
Art Unit	2186			
Examiner Name	Unknown			
Attorney Docket Number	555255-012555			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	├	US-	+		
		05-		5	
		US-			
		US-	i i		
		US-		•	
		US-		·	
		US-			
	-	US-	1		

Examiner Cite	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear
		WO 2004/010306 A1	01-29-2004	Klassen	

Examiner		Date	
Signature	•	Considered	
		1	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known			
- Substitute for form 1990/110				Application Number	10/786,977
INFO	ORMATION	DIS	CLOSURE	Filing Date	02/25/2004
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Asthana
(Use as many sheets as necessary)			eressani)	Art Unit	2186
(USE as many sneets as necessary)		Examiner Name	Unknown		
Sheet	2	of	2	Attorney Docket Number	555255-012555
			<u> </u>		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		RAM Charger8 For Macintosh, 15 July 1988, JUMP Development Group, XP-002286542 (2 pgs.)		
Examiner		Date		

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.